

- (2) Lot number; and
- (3) U.S. Coast Guard approval number.

§ 160.151-35 Servicing.

(a) *Inspection and repair.* Inflatable liferafts carried under the regulations in this chapter, and in chapter I of title 33 CFR, must be inspected periodically by a servicing facility approved by the Coast Guard, repaired as necessary, and repacked. Requirements for periodic inspection and repair of liferafts approved by the Coast Guard appear in §§ 160.151-37 through 160.151-57.

(b) *Manufacturer's requirements.* To retain Coast Guard approval of liferafts, the manufacturer must:

(1) Prepare a servicing manual or manuals complying with § 160.151-37 to cover each model and size of liferaft that the manufacturer produces. The manual or manuals must be submitted to the Commandant for approval.

(2) At least once each year, issue a list of revisions to the manual or manuals, and issue a list of bulletins affecting the manual or manuals, that are in effect.

(3) Make available to each servicing facility approved by the Coast Guard the manual or manuals, the revisions, the bulletins, the plans, and any unique parts and tools that may be necessary to service the liferaft. The plans may be either the manufacturing drawings, or special plans prepared especially for use by servicing technicians. They may be incorporated into the manual or manuals.

(4) Have a training program complying with § 160.151-39 for the certification of servicing technicians.

(5) Notify the OCMI for the zone in which the servicing facility is located whenever the manufacturer becomes aware of servicing at approved facilities that is not in accordance with the requirements of this subpart, or aware of falsification by an approved facility of records required by this subpart.

(c) A manufacturer of liferafts not approved by the Coast Guard may establish servicing facilities approved by the Coast Guard for such liferafts in the United States if the manufacturer meets the requirements of paragraph (b) of this section.

§ 160.151-37 Servicing manual.

(a) The servicing manual must provide instructions on performing the following tasks:

(1) Removing the inflatable liferaft from the container for testing without damaging the liferaft or its contents.

(2) Examining the liferaft and its container for damage and wear including deteriorated structural joints and seams.

(3) Determining the need for repairs.

(4) Performing each repair which can be made by a servicing facility.

(5) Identifying repairs that the manufacturer must perform.

(6) Determining when liferaft equipment must be replaced.

(7) Conducting tests required by § 160.151-57.

(8) Repacking the liferaft.

(9) Changing the maximum height of stowage of the liferaft by changing the length of the painter.

(10) Special equipment limitations or packing instructions, if any, necessary to qualify the liferaft for a particular height of stowage.

(11) Changing the service of the liferaft by changing the contents of the equipment pack.

(12) Proper marking of the liferaft container, including approval number, persons' capacity, maximum height of stowage, service (equipment pack), and expiration date of servicing.

(13) A list of parts for—

(i) Survival equipment;

(ii) Compressed-gas cylinders;

(iii) Inflation valves;

(iv) Relief valves; and

(v) Repair equipment.

(14) The necessary pressures for each size of approved liferaft for conducting the "Necessary Additional Pressure" test required by § 160.151-57(k).

(b) Each revision to a servicing manual, and each bulletin, that authorizes the modification of a liferaft, or that affects the compliance of a liferaft with any requirement under this subpart, must be submitted to and approved by the Commandant. Other revisions and bulletins need not be approved, but a copy of each must be submitted to the Commandant when issued.

(c) Each manual provided under this section must bear the original signature of a representative of the manufacturer attesting that it is a true copy of the manual approved by the Commandant.

§ 160.151-39 Training of servicing technicians.

(a) The training program for certification of servicing technicians must include—

(1) Training and practice in packing an inflatable liferaft, repairing buoyancy tubes, repairing inflation-system valves, and other inspections and operations described in the approved servicing manual;

(2) An evaluation at the end of the training to determine whether each trainee has successfully completed the training; and

(3) Issuance of a certificate of competence to each technician who successfully completes the training.

(b) The manufacturer shall maintain refresher training for recertification of previously trained servicing technicians. This training must include—

(1) Checking the performance of the technicians in the inspections and operations described in the manual;

(2) Retraining of the technicians in inspections and operations for which they are deficient;

(3) Training and practice in new inspections and operations;

(4) An evaluation at the end of the training to determine whether or not each trainee has successfully completed the training; and

(5) Issuance of a certificate of competence to each technician who successfully completes the training.

(c) Each time the manufacturer holds a course for servicing technicians who will perform servicing on liferafts approved by the Coast Guard, the manufacturer shall notify the cognizant OCMI sufficiently in advance to allow, at the option of the OCMI, for a Coast Guard inspector or inspectors to travel to the site where the training is to occur.

§ 160.151-41 Approval of servicing facilities.

(a) To obtain and maintain Coast Guard approval as an “approved servicing

facility” for a particular manufacturer’s inflatable liferafts, a facility must meet the requirements, and follow the procedures, of this section.

(b) The owner or operator of a servicing facility desiring Coast Guard approval shall apply to the cognizant OCMI. The application must include—

(1) The name and address of the facility;

(2) The name(s) of its competent servicing technician(s);

(3) Identification of the manufacturer(s) of the liferafts the facility will service; and

(4) Any limits or special conditions that should apply to the approval of the facility.

(c) The owner or operator of the servicing facility shall arrange for an inspection with the OCMI to whom the owner or operator applied under paragraph (b) of this section. A currently trained servicing technician shall successfully demonstrate the complete service to each make and type of liferaft for which approval as a servicing facility is sought, in the presence of a Coast Guard inspector or of a third-party inspector accepted by the OCMI, or such technician shall present evidence of having performed such service at the time of initial or refresher training. The service must include:

(1) Removing the liferaft from the container for testing without damaging the liferaft or its contents;

(2) Examining the liferaft and its container for damage and wear;

(3) Determining the need for repairs;

(4) Determining whether equipment must be replaced;

(5) Conducting the tests required by § 160.151-57;

(6) Repacking the liferaft;

(7) Inflating the fully packed liferaft using its inflation mechanism; and

(8) Repairing a leak in a main buoyancy chamber, and subjecting the repaired chamber to the Necessary Additional Pressure test described in § 160.151-57(k). This repair may be done on a liferaft that actually needs it, on one condemned, or on an inflatable chamber fabricated of liferaft material specifically for this purpose. (An otherwise serviceable liferaft should not be damaged for this purpose.)